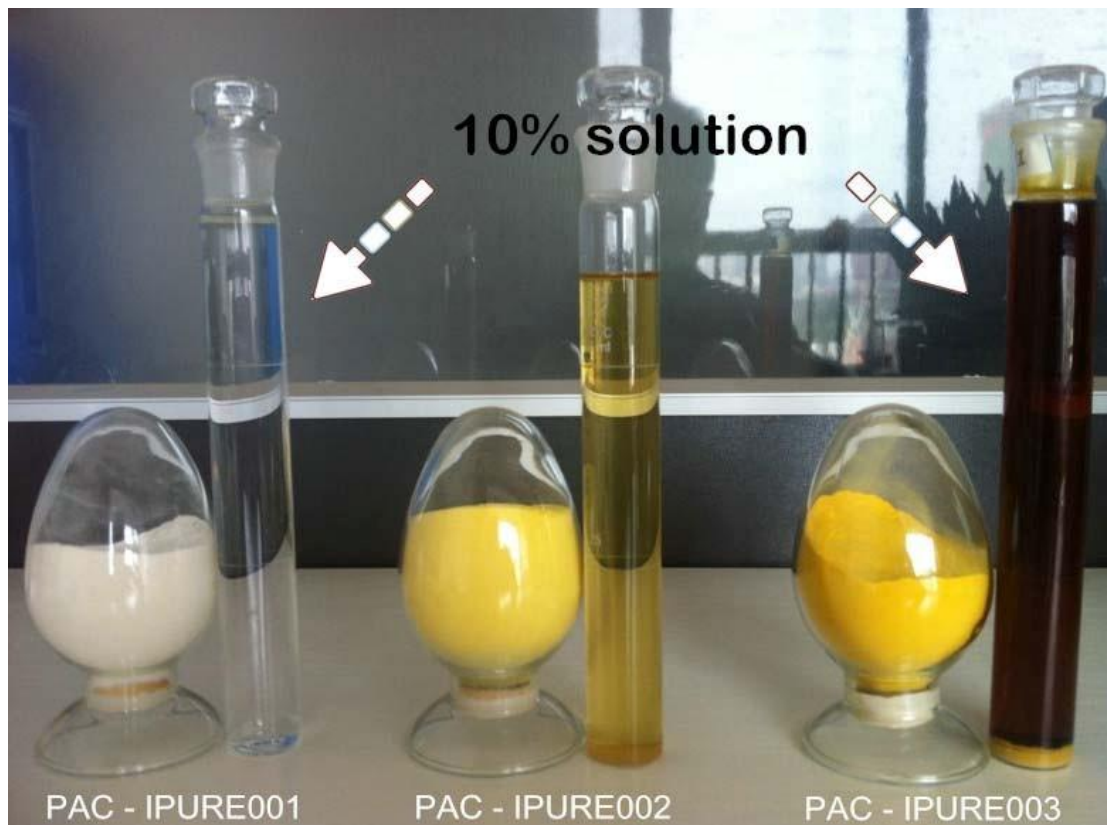




Technical Data Sheet

Product Name : Poly Aluminium Chloride
Short name : PAC
Other Name : Polyaluminium Chloride

Molecular formula : $Al_n(OH)_mCl_{(3n-m)}$ $0 < m < 3n$
CAS NO. : 1327-41-9
EINECS No. : 215-477-2



TYPE 1: PAC-IPURE001, WHITE COLOR, DRINKING WATER GRADE

TYPE 2: PAC-IPURE002, LIGHT YELLOW COLOR, DRINKING WATER GRADE

TYPE 3: PAC-IPURE003, YELLOW COLOR, INDUSTRIAL WATER GRADE



Physical Properties

Item	Spec		
	PAC-ipure001	PAC-ipure002	PAC-ipure003
Standard	GB15892-2009		GB-T 22627-2008
Appearance	White powder	Light yellow powder	Yellow powder
Raw materials	Pure Al(OH) ₃ powder and food grade HCl		Bauxite and industrial HCl
ALRRR ₂ RRRORR ₃ RR	≥3	≥3	≥30
Basicity %	40-	70-85	50-90
PH value (1% aqueous solution)	3.5-5.0	3.5-5.0	3.5-5.0
Pb, %	≤0.002	≤0.002	-
Hg, %	≤0.00002	≤0.00002	-
Cr ⁶⁺ %	≤0.0005	≤0.0005	-
Cd, %	≤0.0005	≤0.0005	-
As, %	≤0.0005	≤0.0005	-
Mn, %	≤0.005	≤0.005	-
SORRRR ₂ RRRR- %	≤1.	≤3.	-
Ammoniacal nitrogen %	≤0.0 1	≤0.01	-
Water insoluble %	≤0.1	≤0.1	≤0.3

Production process:

Spray drying

Packaging:

1. 25 Kg PP woven bags



2. 20 Kg PE bags





Storage:

This product shall be sealed and stored in the dry and ventilated place to prevent from rain, high temperature and strong sunlight.

Application:

Poly Aluminium Chloride is made of high purity raw materials. It's widely used in drinking water treatment, industrial/waste water treatment, papermaking, tanning, sugar manufacturing, oil extraction and so on.

